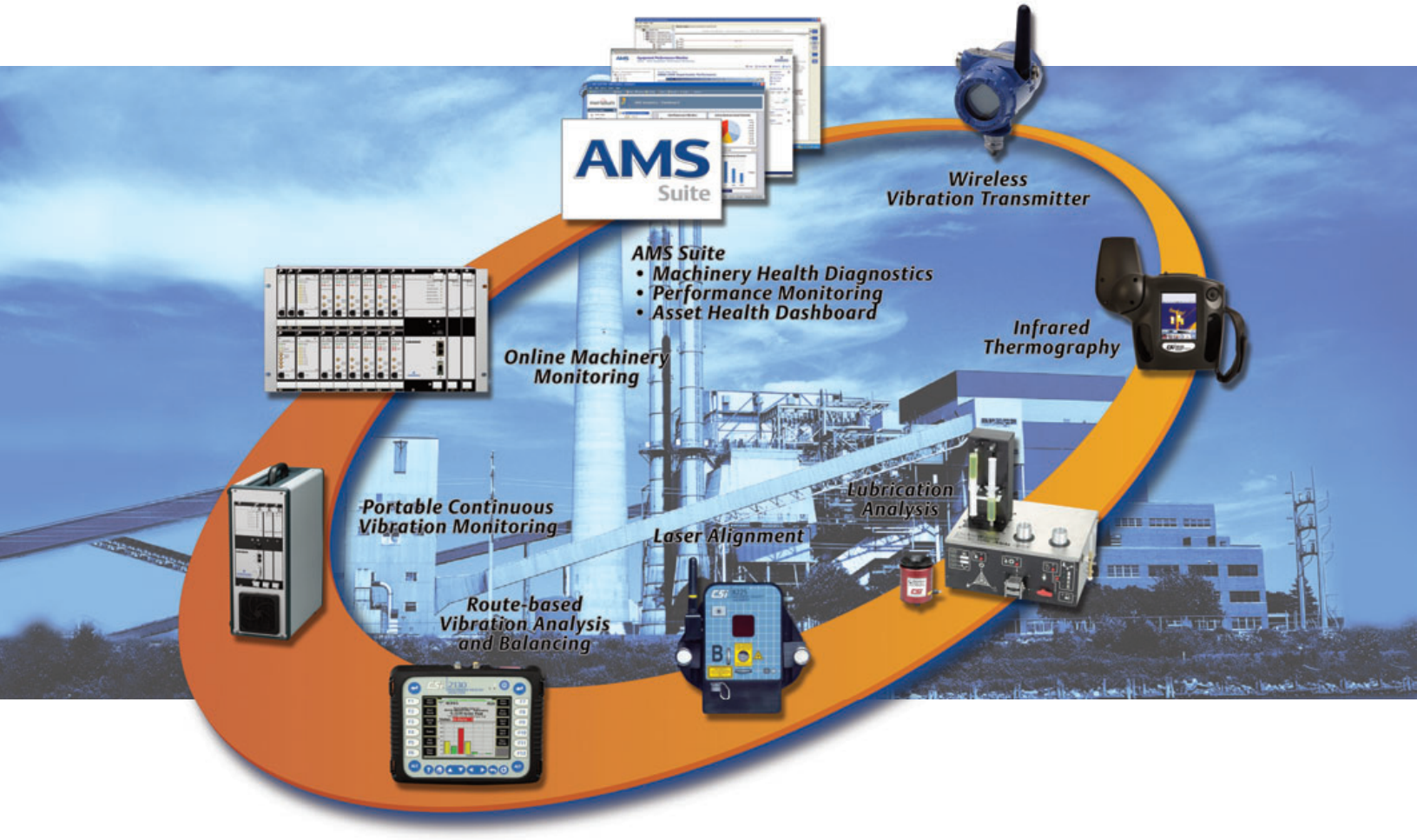
Machinery Health™ Management Accessories



EMERSON™
Process Management

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TRAINING & CERTIFICATION

Companies today rely on fewer people to do more work. Emerson helps maximize the return on your investment in technology and people. Our instructors share their own real-world experiences and guide classes through hands-on exercises that reinforce the lesson, with classes at our state-of-the-art facilities or at your own site. Our goal is to provide you with the best knowledge to keep your plant running smoothly.

CHOOSE & COMPLETE YOUR MACHINERY HEALTH TRAINING PATH TO SUCCESS					
Level I Vibration Analyst Path	**Level II Vibration Analyst Path**	**Advanced Vibration Analyst Path**	**Online Monitoring Path**	**Lubrication Analyst Path**	**Complementary PdM Technology**
1. Fundamentals of Vibration ATC-2069	Recommended Prerequisite: Level I Vibration Analyst Path	Recommended Prerequisite: Level II Vibration Analyst Path	1. CSI 6500 Machinery Health Monitor ATC-2088	1. Level I Lubrication with Certification Exam ATC-2082A	1. Electric Motor Diagnostic and MotorView ATC-2081
2. Basic Vibration Analysis ATC-2031	1. Advanced Vibration Analysis ATC-2033	1. Root Cause Failure Analysis ATC-2053	2. Turbomachinery Diagnostics Using CSI 6500 with Transient ATC-2089	2. Level II Lubrication with Certification Exam ATC-2082B	2. Balancing Theory & Techniques ATC-2015
3. Intermediate Vibration Analysis ATC-2032	2. Intermediate AMS Machinery Manager ATC-2074	2. Introduction to WIndows-Based ODS/Model ATC-2039	3. CSI 6500 Machinery Health Monitor ATC-2080	3. OilView® for AMS Machinery Manager ATC-2083	3. Laser Alignment with Vertical for the CSI 2130 ATC-2092
4. Fundamentals of the CSI 2130 ATC-2072	3. Advanced CSI 2130 with PeakVue ATC-2091	3. Advanced AMS Machinery Manager ATC-2070		4. Wear Debris Analysis Workshop ATC-2084	4. IR Thermography & Level I Certification Exam ATC-2019
5. Introduction to AMS Machinery Manager ATC-2068	4. Level II Vibration Analyst Certification Exam ATC-2055	4. Taking the Mystery Out of PeakVue® Technology ATC-2035			5. Infrared Analysis for AMS Machinery Manager ATC-2018
6. Level I Vibration Analyst Certification Exam ATC-2054					6. Basic Ultrasonic Theory & Techniques ATC-2067

Visit www.assetweb.com/mhm for training course pricing, schedules, and additional information.

CHARTS & GUIDES

PART NUMBER	DESCRIPTION
97CHARTVIBEBASIC	Educational Wall Chart - Basics of vibration analysis
97CHARTLUBE	Educational Wall Chart – Lubrication analysis methods and techniques
97CHARTMOTOR	Educational Wall Chart – Electric motor problems, diagnosis, and prevention
97CHARTWIRELESS	Educational Wall Chart – Properties and applications of wireless industrial networks
97CHARTPEAKVUE	Educational Wall Chart – Advanced machinery health diagnosis using PeakVue Technology

All charts are available in several languages.

PART NUMBER	DESCRIPTION
A99915	Pocket Vibration Troubleshooter's Guide The Pocket Vibration Troubleshooter's Guide is a quick reference guide intended to assist you in diagnosing common machine faults. The pages are plastic-coated and may be cleaned with a damp towel.
ATB-PKG	The Simplified Handbook of Vibration Analysis, Volumes I & II –The Simplified Handbook of Vibration Analysis series by Art Crawford explains how to determine the health of rotating/reciprocating machinery by analyzing vibration signatures. Written in a non-technical, easy-to-follow manner, these books emphasize practical experience and real-world problem solving.

STROBELIGHT

PART NUMBER	DESCRIPTION
A0555-30	The CSI 555 Vibration Stroboscope Package is designed to work with vibration data collectors to provide accurate speed and relative phase measurements. It receives the signal, conditioned by the data collector, from the accelerometer and “tracks” that signal with either a wide-band or narrow-band filter, providing a very stable reference mark. The CSI 555 is also used as a trigger for the data collector or can provide vital phase information during balancing when used with these data collectors.

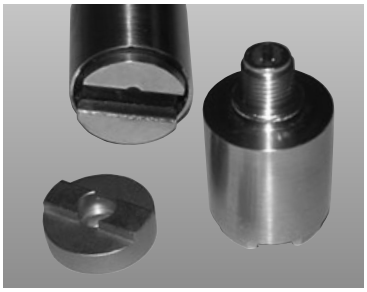
SPEEDVUE®

The SpeedVue Laser Speed Sensor uses a laser in conjunction with advanced signal processing to measure turning speed without requiring any special markings on the shaft. Range is typically 30' without reflective tape or 100' with reflective tape. SpeedVue is intended for use with the CSI 2120A (firmware version 7.45 or higher) and CSI 2130 analyzers.

PART NUMBER	DESCRIPTION
A0430L3	CSI 430 SpeedVue Laser Speed Sensor (with CSI 2130 Cable) Standard Accessories: CSI 2130 Velcro Attachment Strap, 21" Signal/Power Cable, User Manual, Storage Case Optional Accessories include: Magnetic Mount Package (part# A0430MB), Tripod Mount (part# A0430TR), 6' Cable for CSI 2120A (part# D24809-2), 6' Cable for CSI 2130 (part# D24863-2)
A0430LS	CSI 430 SpeedVue Laser Speed Sensor (with CSI 2120A Cable & Mount)
A0430MB	CSI 430LS Magnetic Base
A0430TR	CSI 430LS SpeedVue Tripod
D24863-1	CSI 2130 SpeedVue Cable, LEMO to Turck, 21" long
D24863-2	CSI 2130 SpeedVue Cable, LEMO to Turck, 6' long
D4863-3	CSI 2130 SpeedVue Cable, LEMO to Turck, 42” long
D24809-1	CSI 430 SpeedVue Cable for CSI 2120A (18”)
D24809-2	CSI 430 SpeedVue Cable for CSI 2120A (6’)
D24937	CSI 2130 Hand Strap Pad for SpeedVue

BALANCING KITS

PART NUMBER	DESCRIPTION
A0404B1	**Infrared Phototach** (1-20,000 RPM), with CSI 2130 Cable, standard magnet mount
A0404P1	**404B Infrared Phototach Package** with external power supply, CSI 2130 Cable, standard magnet mount. The 404P Package includes the A404B Phototach Kit, with an external power supply instead of the cable for powering from the meter. Includes cables for connecting both to the CSI 2130 (Turck) and to older analyzers (BNC).
A404B	**Infrared Phototach** (1-20,000 RPM) with (CSI 2120) Pig-Tail Cable, standard magnet mount
A040801	**Battery Pack** for 404P and 404B Phototach
A173001	**2 - 4 Sensor Balancing Accessories Upgrade** for the CSI 2130
A1730B2	**CSI 2130 Advanced Balancing Expansion Pak.** Advanced Balancing Package for CSI 2130 handles both single-and multi-plane balancing tasks. It is designed to provide a new level of power and intelligence with a simple and intuitive user interface. *NOTE: When adding the Balance Expansion Pak to an Alignment only CSI 2130, you must also order the A2130V1 Single-Channel Vibration Upgrade.* *NOTE 2: Does not include Advanced Balancing CSI 2130 Firmware*
A403	**Reflective Tape for Phototach Units,** 1/2" wide, 5' roll (minimum order 3 rolls)
A404P	**404B Infrared Phototach Package** with external power supply, standard magnet mount
A6122BK	**Black 15' Cable,** BNC to 2-pin mil
A6122BL	**Blue 15' Cable,** BNC to 2-pin mil
A6122GY	**Grey 15' Cable,** BNC to 2-pin mil
A6122RD	**Red 15' Cable,** BNC to 2-pin mil
A726-P	**Portable Digital Scales:** 0-200 g / 0.1 g increments
A728	**Clip-on Balancing Trial Weight Kit.** Variety of clip-on trial weights for balancing. Designed to clip on inner edge of fan blades.
A8BA1	**Balancing Compass** used to assist in locating angular position during balancing. The compass is magnetically mounted with clockwise and counter-clockwise 0-360° scaling.
A8BA25	**Weight Kit** with Field Balance Scales
B40401	**Signal/Power Pigtail Cable,** 18" long, for 404B Phototach
B40405	**Replacement Photo-Element,** Cable and Bracket (for 404 to 404B Phototach Upgrade). Can be used to upgrade a 404 Photo Element to a 404B Element to allow powering from the CSI 2120/CSI 2130, without having to replace the entire Phototach.
B404-BASE	**Adjustable Magnetic Base** for 404 Phototach
D24862	**CSI 2130 Tach Input Cable,** BNC to Turck, 4' long
D24861	**CSI 2130 Tach Input Cable,** 404B Connector to Turck, 2 meters long
A090835	**2-Pole Small Magnet,** 1" diameter 34 lb pull, 1/4-28 tapped hole, knurled finish



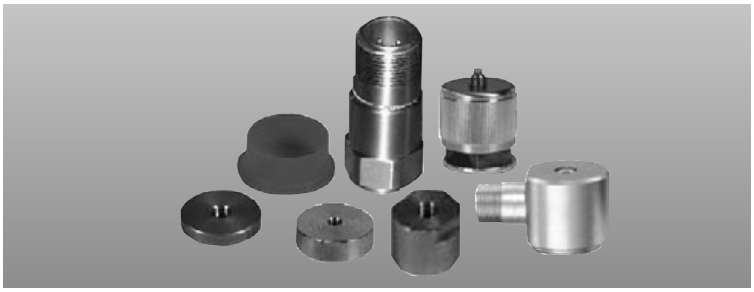
TRIAXIAL SENSORS

The Model A0643TX triaxial accelerometer breaks new ground in sensor technology. This innovative design uses an integral magnetic base to achieve excellent results for virtually all types of vibration monitoring, with - or without - a mouting pad.

PART NUMBER	DESCRIPTION
A0643TX	**Triax Accelerometer** with Integral Magnet for use with the CSI 2130
D24826	**Mounting Pad** for use with the keyed A0643TX Triax Accelerometer
A0614TX	**Triaxial Accelerometer,** 4-Pin Quicklock
D25064	**Cable** for use with A0643TX Triax Accel (with CSI 2130 only)
D24860	**CSI 2130 Triaxial Sensor Cable** 5-Pin Top Mount Connector to Turck, 2 meters long for use with A0614TX Triax Accelerometer
65073	**Triaxial Straight Cable** for CSI 2120/2120A (for A0614TX Sensor, quick-lock bayonet connector)

ADAPTERS

PART NUMBER	DESCRIPTION
A06240A	**Split Signal Accelerometer Input Adapter for Dual-Channel CSI 2120A.** Splits the signal from a single accelerometer input to both channels of the CSI 2120A for independent processing. (BNC to DB25 connector). For example, it allows you to collect a Standard and a PeakVue reading simultaneously from a single accelerometer to reduce data collection time and improve the analysis capability for each measurement point.
A06280A	**Dual-Channel Accelerometer Input Adapter.** Provides dual-channel BNC Accelerometer (powered) inputs.
A0628BV	**Dual-Channel "Buffered" Volts Input Adapter for CSI 2120-2.** Provides "buffered" dual-channel volts inputs. No sensor power is supplied. This adapter is calibrated only for the CSI 2120/2120A with firmware version 7.43a or higher. For use in connecting to a continuous monitoring / shutdown system that does not have buffered outputs. Will provide voltage isolation to prevent accidental voltage from being applied when collecting data, thus avoiding the possibility that the CSI 2120 might send a voltage signal into the panel and potentially trip the machine off. Also provides greater than 1 Meg Ohm input impedance for the CSI 2120.
A06290A	**Dual-Channel Accelerometer Input Adapter for CSI 2130 (Turck Connectors).** This adapter connects to the Turck (yellow) Accelerometer Input on the CSI 2130. It provides two powered Turck Accelerometer inputs, one for the A channel and one for the B channel.
A06290V	**Dual-Channel Volts Input Adapter for CSI 2130.** This adapter connects to the 25-pin connector on the CSI 2130 and provides two BNC connectors for dual-channel volts (non-powered) input. A typical application would be for measuring displacement probes from a continuous monitoring panel to perform shaft orbit analysis. This adapter is not for use with previously released analyzers, and is blue in color to distinguish it as a "CSI 2130 only" adapter. Likewise the A0628BV dual-channel "buffered" Volts input adapter should not be used with the CSI 2130 because the buffering has been built into the analyzer.
A611	**Accelerometer Adapter - DB25(M) BNC(F).** Attaches to the CSI 2130's 25-pin connector and provides a powered BNC input for vibration sensors.
A612	**Accelerometer Adapter - Lemo(F) MS(2-pin).** Converts the Lemo connector on the end of the old CSI 21xx Coiled Sensor Cable to a 2-pin military screw on connector.
A622	**Volts Input, DB25(M) to BNC(F).** Attaches to the 25-pin connector and provides a non-powered BNC connector for Volts type inputs. Also available is the A622-2, which has a voltage divider that reduces the input signal by half for use in measuring voltage signals that exceed the voltage input limits of the analyzer.
A625	**Accel/Volts Adapter.** Acceleration/Voltage Adapter, DB25(M) to 2 each BNC(F). Allows either a powered Accel input or a non-powered Volts input, for single-channel use.
A627-A	**Dual-Accelerometer Switch Adapter.** Provides two powered BNC input connectors and a slide switch to select between the two inputs. Useful for dual-plane balancing jobs where you can place two sensors on a machine and then select them individually. For single-channel use only.
A628	**Dual-Channel Accel/Volts Input Adapter (CSI 2120 B-Channel Adapter).** 25-pin Adapter connects to top of a dual-channel CSI 2120A. The Adapter has two BNC inputs, one for each channel, plus a toggle switch to select between Powered "Accel" input or Non-Powered "Volts" input on the A channel (B channel power is completely software controlled regardless of toggle switch position). Not compatible with the CSI 2130.

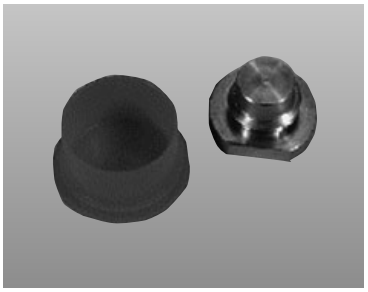


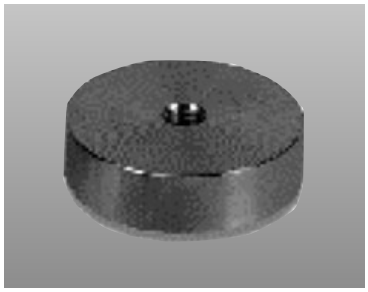
SENSORS, MAGNETS & MOUNTING PADS

PART NUMBER	DESCRIPTION
A1700T1	**Special Single-Channel Accessory Package for CSI 2130 Trade-up Analyzers.** Basic CSI 2130 accessories for single-channel vibration measurement. Standard Accessories: 2-pin Accel, Magnet, Coiled Cable, Shoulder Strap, Suitcase Case
A1700T2	**Special Dual-Channel Accessory Package for CSI 2130 Trade-up Analyzers.** Basic accessories for dual-channel vibration measurement. Standard Accessories: 2-pin accel, (qty.2), Magnet, (qty.2), Cable, 2-pin MIL to BNC (red), Cable, 2-pin MIL to BNC (blue), 2 ch. Accel adapter, Coiled Cable, Shoulder Strap, Suitcase Case
A0120LF	**Low Frequency Accelerometer, top connect, 2-pin (Mil-C-5015)** **Frequency:** +- 5%: 30-120,000 cpm +-10%: 18-240,000 cpm +-3dB: 12-360,000 cpm **Range:** 1.5 kHz **Sensitivity (+-5%):** 500 mV/g **Temp Range:** -65 to +250 degrees F **Dimensions (dia x ht):** 1 3/16 x 2 3/16 **Mounted Resonant Frequency:** 840kcpm **Measurement Range:** +-10g **Weight:** 7.4 oz/210g **Stud size:** 1/4 -28 captive screw
A0322RI-2	**Accelerometer 100MV/G 1/4-28 Low Profile**
A0420HT	**High Temperature Accelerometer, top connect, 2-pin (Mil-C-5015)** **Frequency:** +-5% : 50 -120,000 cpm +-10%: 34-240,000 cpm +-3dB: 16-360,000 cpm **Temp Range:** -65 to +325 degrees F **Mounted Resonant Frequency:** 840kcpm **Weight:** 7.4 oz/210g **Stud size:** 1/4-28 captive screw **Sensitivity (+-5%):** 100 mV/g **Measurement Range:** +-50g **Dimensions (dia x ht):** 1 3/16 x 2 3/16
A0520VO	**Velocity Sensor, top connect, 2-pin (Mil-C-5015)** **Frequency:** +-10%: 120-150,000 cpm +-3dB: 90-360,000 cpm **Temp Range:** -65 to +250 degrees F **Mounted Resonant Frequency:** 840kcpm **Weight:** 7.4 oz/ 210 g **Stud size:** 1/4-28 captive **Sensitivity (+-5%):** 100 mV/ips **Measurement Range:** +-50 in/sec **Dimensions (dia x ht):** 1 3/16 x 2 3/16
A0623SS	**Super-Slow Technology Kit.** This super-slow technology measurement kit contains accessories for improving data collection at very low frequencies when applying the SST feature of the CSI 2120/2120A or CSI 2130. Standard Accessories: Low Frequency Accelerometer (part# A0120LF), Noise Shielded Cable (part# 612-SST), Noise Free Adapter (part# 623 -SST), Magnetic Cable Holder to secure cable from moving (part#918), Choice of Magnets (part# A090550 flat, 50 lb pull or part# A090835 Dual Rail, 35 lb pull)
A0710GP	**General Purpose Accelerometer, side connect, 2-pin (Mil-C-5015)** Frequency: +-5%: 30-300,000 cpm/0.5-5000 Hz +-10%: 18-420,000 cpm/0.3-7000Hz +-3dB: 12-600,000 cpm/ 0.2-10000Hz **Temp Range:** -65 to +250 degrees F/ -54 to 121C **Mounted Resonant Frequency:** 1,200kcpm **Weight:** 5.56 oz/ 157g **Stud size:** 1/4 -28 captive screw Same as V324 **Sensitivity (+-5%):** 100 mV/g **Measurement Range:** +-50g **Dimensions (dia x ht):** 1 3/8 x 1 1/8

SENSORS, MAGNETS & MOUNTING PADS

PART NUMBER	DESCRIPTION
A0760GP	**General Purpose Accelerometer, top connect, 2-pin (Mil-C-5015)** In February 2001, the A0760GP replaced the A0720GP as the standard sensor shipped with most analyzers. The newer A0760GP has a higher linear frequency range and is slightly shorter. The two compare as follows: **A0720GP response:** ±5% : 1.2 Hz - 4 kHz; ±10%: 0.9 Hz - 5 kHz; ±3dB : 0.4 Hz - 10 kHz; Height: 1.9" **A0760GP response:** ±5% : 1.2 Hz - 5 kHz; ±10%: 0.87 Hz - 8 kHz; ±3 dB: 0.43 Hz - 10 kHz; Height: 1.66"
A090515	**Magnet** (flat rare earth type, 0.75" diameter, 15 lb pull, 1/4-28 removable stud). Samarium-cobalt magnet, 0.425" thick. Stainless steel housing with knurled finish. 1/4-28 to 10-32 threaded stud adapter available as part#A914.
A090535	**Magnet** (flat rare earth type, 1.0" diameter, 35 lb pull, 1/4-28 removable stud). Samarium-cobalt magnet, 0.535" thick. Stainless steel housing with knurled finish. 1/4-28 to 10-32 threaded stud adapter is available as part # A914.
A090835	**2-pole Small Magnet,** 1" diameter, 34 lb pull, 1/4-28 tapped hole, knurled finish.
D24826	**Mounting Pad for use with the Keyed A0643TX Triax Accel.** This Mounting Pad is keyed to ensure that the A0643TX Sensor is oriented in the proper direction while providing superior measurement results. It can either be glued onto the machine or it can be installed via an allen screw after drilling and tapping the measurement point location.





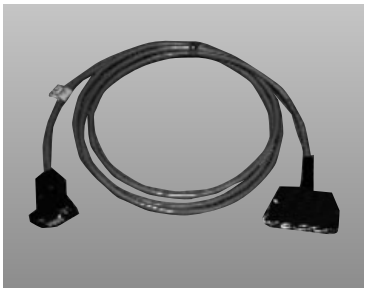
SENSORS, MAGNETS & MOUNTING PADS

PART NUMBER	DESCRIPTION
A911	**Quick Lock Mounting Pad(s).** Allows repeatable field measurements. Extends linear frequency range of vibration measurements over hand-held or magnet mounting. Mounts permanently to measurement location, and can be attached to the A910 Quick Lock Connector with 1-1/4 turn. Available with quantity discount.
A901-1	**Mounting Pad, 0.75" diameter,** 0.188" thick, 1/4"-28 threaded hole. Available with quantity discount.
A212	**Mounting Pad, 1" diameter,** 1/4"-28 threaded hole. Larger size mounting pad. Available with quantity discount.
A901	**Mounting Pad, 0.75" diameter,** 0.188" thick, 10-32 threaded hole. Frequency response up to approximately 10 kHz (depending on sensor). Includes protective plastic cap. Available with quantity discount.
A914	**Threaded Stud Adapter,** 1/4-28 to 10-32, 0.3" long. For use with magnets or sensors with removable mounting studs for converting to 10-32 threading. Available with quantity discount.
A916	**Mounting Stud,** 1/4-28 x 0.500" with shoulder. Available with quantity discount.

CABLES

PART NUMBER	DESCRIPTION
65116	**CSI 2130 Accelerometer Extension Cable,** Turck to Turck, 6.5' (2 meter) long. Extension Cable for use with the Turck Accelerometer Cables on the CSI 2130. Terminates in 5-pin Turck (F) to 5-pin Turck (M). Works for both single and triaxial accelerometers. Total cable length between analyzer and sensor should not exceed 7.5M / 25', as signal quality will begin to degrade with additional extension cables. If a long span is required between analyzer and sensor, please use part# A06290A and an accelerometer cable RG58C/U such as part# A612-C.
65117	**CSI 2130 Accelerometer Extension Cable,** Turck-to-Turck, 19' 8" (6 meter) long. Extension Cable for use with the Turck Accelerometer Cables on the CSI 2130. Terminates in 5-pin Turck (F) to 5-pin Turck (M). Works for both single and triaxial accelerometers. Total cable length between analyzer and sensor should not exceed 7.5M / 25', as signal quality will begin to degrade with additional extension cables. If a long span is required between analyzer and sensor, please use part# A06290A and an accelerometer cable RG58C/U such as part# A612-C.
65119	**CSI 2130 Tachometer Extension Cable,** Turck-to-Turck, 19' 8" (6 meters) long. 6 meter Extension Cable for use with the Turck Tachometer Cable on the CSI 2130. Total cable length between analyzer and tachometer should not exceed 50'. Multiple extensions may be used together. However, some phase shift may be seen with longer cable lengths so care should be taken when phase is important (orbit measurements and peak and phase measurements).
A063902	**USB Communications Cable** (CSI 2130 to PC). Provides high speed USB communication between the CSI 2130 Machinery Health Analyzer and the host PC running AMS Machinery Manager.
A404-C	**Signal/Power Extension Cable, 10' long,** (for 404 Phototach). Allows the 404 Infrared Phototach to be powered from a CSI Analyzer instead of the 404P Power Supply, and provides a BNC Connector for attaching to the analyzers tach input. 10' length is useful for balancing jobs on large machines requiring long cable runs. The B40401 “pigtail” is still required in addition to this extension cable. For use with analyzers released prior to the CSI 2130 Machinery Health Analyzer.
A6121BL	**2-pin to BNC, Accelerometer Coaxial Cable,** 4' long (blue)

CABLES



PART NUMBER	DESCRIPTION
A6121RD	**2-Pin to BNC, Accelerometer Coaxial Cable,** 4' long, (Red). Accelerometer Cable, (BNC(M) to MS (2-pin).
A612-C	**2-Pin to BNC, Accelerometer Straight Cable,** 4' long. Accelerometer Cable RG58C/U, BNC(M) to MS(2-pin). Add $0.50/foot in excess of 4 feet Standard Accessories: BNC Union Connector
A631	**LEMO to 25-Pin, Accelerometer Coiled Cable, 8' long,** (for 350 accel). CSI Analyzer to A350 handheld accelerometer, coiled cable, 8' long, DB25(M) to 6-pin Lemo(M).
A661	**BNC to BNC, General Purpose Coaxial Cable, 4' long.** General Purpose Coaxial Cable, (RG58C/U) 50 ohm, BNC(M) to BNC(M). RG58C/U, 50 ohm.
A661-10	**BNC to BNC, General Purpose Coaxial Cable, 10' long.** General Purpose Coaxial Cable, (RG58C/U) 50 ohm, BNC(M) to BNC(M). RG58C/U, 50 ohm
D24042	**Standard Accelerometer Coiled Cable,** 3' long retracted, MS(2-pin) to DB25(M) (for CSI 2120 only)
D24809-1	**CSI 430LS SpeedVue Cable** for CSI 2120A, 18" long
D24809-2	**CSI 430 SpeedVue Cable** for CSI 2120A, 6' long
D24844	**8' Coiled Cable** goes from a standard 2-pin Accelerometer Connector to the yellow Turck Connector on the CSI 2130. It is wired for the A Channel Accelerometer input if you connect it directly to the CSI 2130's yellow Turck Connector. But, if you use the A06290A Dual Channel Adapter, you can connect this cable to either A or B channel, but not simultaneously
D24858-1	**CSI 2130 Accelerometer Straight Cable** (blue label), 2-pin to Turck, 5' long
D24858-2	**CSI 2130 Accelerometer Straight Cable** (red label), 2-pin to Turck, 5' long
D24859	**This cable attaches to the CSI 2130's blue Turck Connector** and provides a BNC connector for the Volts (non-powered) input. Example applications would be attaching the Current Clamp or Flux Coil, or reading a displacement probe.
D24860	**CSI 2130 Triaxial Sensor Cable** 5-pin top mount connector to Turck, 2 meters long. For use with A0614TX Trial Accelerometer
D24861	**This cable attaches to the CSI 2130's Tach input** (blue Turck connector) and then attaches to the connector on the 404B Infrared Photo Tach Cable, 2 meters long.
D24862	**CSI 2130 Tach Input Cable,** BNC to Turck, 4' long
D24863-1	**CSI 2130 SpeedVue cable,** LEMO to Turck, 21" long
D24863-2	**CSI 2130 SpeedVue cable,** LEMO to Turck, 6' long
D24973	**CSI 2130 Accelerometer/Hammer Straight Cable,** BNC to Turck, 6.5' (2 meters) long. Connects to the yellow Turck Accelerometer input on the CSI 2130 and provides a BNC Connector for attaching to an Instrumented Force Hammer or to a switchbox with permanently installed accelerometers.
D25064	**Cable connects from Triax Accel** (part#A0643TX) directly to 5-pin (yellow) Turck Connector on the CSI 2130.

OTHER VIBRATION ACCESSORIES

PART NUMBER	DESCRIPTION
91411	**CSI 2130 Adhesive Screen Protectors** (10 pack)
A0130FS	**Folding Desk Stand** for the CSI 2130
A0344MC	**Microphone** with Preamplifier for CSI 2120 and CSI 2130
A034701	**1 lb Small Modal Force Hammer**
A034703	**3 lb Mini-Sledge Modal Force Hammer**
A92106	**Loctite 20252 Adhesive,** 250 mL Kit
A930	**Telescoping Sensor Extension Pole** (5.5' to 11')
D22630-5	**Sensor Holder Bracket** for Extension Pole (1.005" diameter)
D23426	**Hardshell Storage Case** for CSI 2120 and Standard Accessories
D24642	**CSI 2130 Rubber Cover** (black)
D24745	**Battery Pack** for CSI 2120A
D24974	**Battery Pack** for CSI 2130
D24834	**Velcro Pad** for CSI 2130 Hand Strap
D24933	**Shoulder Strap** for Vibration Meters
A0340SH	**CSI 340SH Portable Handheld Shaker**. The CSI 340SH Portable Handheld Shaker is a small, self-contained device designed for the rapid checking of accelerometers, monitoring systems, and recording systems.

Emerson's Machinery Health Management business offers a complete portfolio of predictive maintenance instruments, accessories, training, and services to assist in improving asset reliability, productivity, and performance. If your program requires a technology or service not listed in this accessories catalog, please do not hesitate to contact your local representative or our Knoxville TN office at the number listed below.

Additional offerings from Emerson's Machinery Health Management business include:

Portable Products:

- CSI 2130 Machinery Health™ Analyzer with PeakVue Bearing Fault Detection Technology
- CSI 5200 Machinery Health Oil Analyzer
- CSI 8225 RF Laser Alignment
- CSI 9830 Machinery Health Imager

Online Machinery Monitoring:

- CSI 6500 Machinery Health Monitor
- CSI 2600 Machinery Health Monitor

Transmitters:

- CSI 9420 Machinery Health Transmitter

Software:

- AMS Suite: Machinery Health Manager
- AMS Suite: Equipment Performance Monitor
- AMS Suite: Equipment Performance Advisor
- AMS Suite: Intelligent Device Manager
- AMS Suite: Asset Performance Management

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